**Homework 18.5** Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Area & Perimeter of Quadrilaterals** Period:\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Failure to show work on all problems or write in complete sentences will result in a LaSalle.**

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| 1) A rectangle has a perimeter of 8 square units. If the length of a rectangle is 1/3 as long as the width, what is the length and width of the rectangle? | 2) 1 cm by 1 cm corners have been cut out of the 7 cm by 4 cm figure below. Find the perimeter and area. |
| 3) In the square below, 1 ft by 1 ft corners have been cut out. Find the perimeter and area of the remaining figure.  3  1 | 4) Find the perimeter of the figure below: |
| 5) The perimeter of a rectangle is 40 feet. The width of the rectangle is half as long as its length. Find the length and width of the rectangle. | 6) Linoleum floor tiles are each 1-foot square. What is the minimum number of these tiles needed to tile the entire floor of a 12-foot-by-14-foot rectangular kitchen and a 12-foot-by-4-foot rectangular hallway? |
| 7) What is the area of the rectangle below? | 8) The perimeter of a rectangle is 36 centimeters. The width of the rectangle is twice as long as its length. Find the length and width of the rectangle. |